

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-336599

(43)Date of publication of application : 07.12.1999

(51)Int.Cl.

F02D 43/00

F01L 1/34

F02D 13/02

F02D 41/04

F02M 25/07

F02P 5/15

(21)Application number : 10-144149

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(22)Date of filing : 26.05.1998

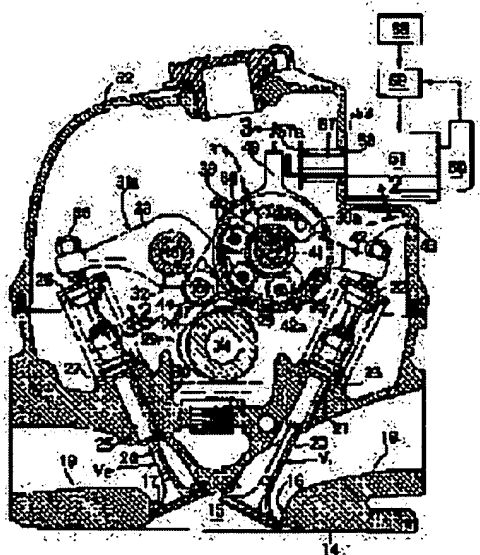
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(54) OPERATION CONTROL DEVICE IN INTERNAL COMBUSTION ENGINE

(57)Abstract:

PROBLEM TO BE SOLVED: To enable suitable operation control according to a valve opening lap of an intake valve and an exhaust valve by computing a valve opening lap amount according to the detection value of an operation amount detector, and changing at least one of a fuel injection quantity, an ignition timing and an exhaust gas recirculation quantity from an exhaust system to an intake system according to the detected lap amount.

SOLUTION: An actuator 51 is provided with an operation amount detector 60 for detecting the operation amount of the actuator 51 as a representative of the operation amount of an intake valve. The operation of the actuator 51, that is, the opening and closing operation of the intake valve is controlled by a control unit 59. When a valve opening lap of the intake valve and the exhaust valve is caused, it is desirable that a fuel injection quantity, an ignition timing or an exhaust gas re-circulation quantity from an exhaust system to an intake system is



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changed to conduct suitable operation control for an engine. The control unit 59 controls the operation of the engine according to the output of the operation amount detector 60 and a detection value of a rotating speed detector 66 for detecting the rotating speed of the engine.

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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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